Journal of Heat Transfer

Author Index

All authors of papers published in this volume are listed alphabetically. Full titles are included in each first author's entry. Letters in parentheses follow some of the page numbers: TN indicates Technical Note, D indicates Discussion, E indicates Errata, RC indicates Rapid Communication, BR indicates Book Review, and G indicates Heat Transfer Gallery.

Abbassi, A. — (see Kalteh, A. M.) **128**, 1099–1102(TN)
Agarwal, Akhil — (see Bandhauer, Todd M.) **128**, 1050–1059
Ahn, Hee Seok, Sinha, Nipun, Banerjee, Debjyoti, Zhang, Mei, Fang, Shaoli, and Baughman, Ray H. — Pool Boiling Experiments on Multiwalled Carbon Nanotube (MWCNT) Forests. **128**, 1335–1342(TN)
Ahn, Jaeyong, Schobeiri, M. T., Han, Je-Chin, and Moon, Hee-Koo — Film Cooling Effectiveness on the Leading Edge Region of a Rotating Turbine Blade With Two Rows of Film Cooling Holes Using Pressure Sensitive Paint. **128**, 879–888
Aichlmayr, H. T., and Kulacki, F. A. — A Transient Technique for Measuring the Effective Thermal Conductivity of Saturated Porous Media With a Constant Boundary Heat Flux. **128**, 1217–1220(TN)
Al-Khawaja, Mohammed J., and Selmi, Mohammed — Highly Accurate Solutions of a Laminar Square Duct Flow in a Transverse Magnetic Field With Heat Transfer Using Spectral Method. **128**, 413–417(TN)
Álvarez-Hernández, Ángel R. — (see Dukhan, Nihad) **128**, 784–792
Aly, Wael I. A., Inaba, Hideo, Haruki, Naoto, and Horibe, Akihiko — Drag and Heat Transfer Reduction Phenomena of Drag-Reducing Surfactant Solutions in Straight and Helical Pipes. **128**, 800–810
Amitay, Michael — (see Pavlova, Anna) **128**, 897–907
Amon, Cristina H. — (see Gomes, Carlos J.) **128**, 1114–1121
An, W., Ruan, L. M., Tan, H. P., and Qi, H. — Least-Squares Finite Element Analysis for Transient Radiative Transfer in Absorbing and Scattering Media. **128**, 499–503(TN)
Anilkumar, D. — (see Roy, S.) **128**, 368–373
Asfia, Julie F. — (see Cai, Qingjun) **128**, 1329–1334
Asheghi, M. — (see Yang, Y.) **128**, 113–120
Asheghi, Mehdi — (see Liu, Wenjun) **128**, 75–83
Atefi, Gholamali, and Moghimi, Mahdi — A Temperature Fourier Series Solution for a Hollow Sphere. **128**, 963–968(TN)
Atreya, Arvind — (see Mungekar, Hemant P.) **128**, 361–367
Avedisian, C. Thomas, Cavicchi, Richard E., and Tarlov, Michael J. — Nanosecond Imaging of Bubble Nucleation on a Microheater. **128**, 734
Ayasoufi, Anahita — (see Rahmani, Ramin K.) **128**, 769–783

Bahadur, V., Xu, J., Liu, Y., and Fisher, T. S. — Erratum: "Thermal Resistance of Nanowire-Plane Interfaces" [Journal of Heat Transfer, 2005, **127**(6), pp. 664–668]. **128**, 858(E)
Baillis, D. — (see Coquard, R.) **128**, 538–549
_____ (see Coquard, R.) **128**, 1022–1030
Balaji, C. — (see Deiveegan, M.) **128**, 829–837
Bandhauer, Todd M., Agarwal, Akhil, and Garimella, Srinivas — Measurement and Modeling of Condensation Heat Transfer Coefficients in Circular Microchannels. **128**, 1050–1059
Banerjee, Debjyoti — (see Ahn, Hee Seok) **128**, 1335–1342(TN)
Barletta, A., and Magyari, E. — Thermal Entrance Heat Transfer of an Adiabatically Prepared Fluid With Viscous Dissipation in a Tube With Isothermal Wall. **128**, 1185–1193
Barnes, J. Wesley — (see Porter, Jason M.) **128**, 1031–1040
Basu, S., and Cetegen, B. M. — Analysis of Hydrodynamics and Heat Transfer in a Thin Liquid Film Flowing Over a Rotating Disk by the Integral Method. **128**, 217–225
Baughman, Ray H. — (see Ahn, Hee Seok) **128**, 1335–1342(TN)
Beitelmal, A. H., Shah, A. J., and Saad, M. A. — Analysis of an Impinging Two-Dimensional Jet. **128**, 307–310(TN)
Bergles, Arthur E. — (see Lambrechts, Adriaan) **128**, 691–700
Bernal, L. P. — (see Diez, F. J.) **128**, 1001–1011
Bharadwaj, Sudarshan P., Modest, Michael F., and Riazzi, Robert J. — Medium Resolution Transmission Measurements of Water Vapor at High Temperature. **128**, 374–381
Bhattacharya, Prajesh — (see Prasher, Ravi) **128**, 588–595
Black, W. Z. — (see Gillespie, M. B.) **128**, 990–1000
Borrelli, John — (see Kandlikar, Satish G.) **128**, 389–396
Braga, Edimilson J., and de Lemos, Marcelo J. S. — Turbulent Heat Transfer in an Enclosure With a Horizontal Permeable Plate in the Middle. **128**, 1122–1129
Buongiorno, J. — Convective Transport in Nanofluids. **128**, 240–250
Burmeister, Louis C. — Effectiveness of a Spiral-Plate Heat Exchanger With Equal Capacitance Rates. **128**, 295–301(TN)

Cai, Qingjun, Chen, Chung-lung, and Asfia, Julie F. — Operating Characteristic Investigations in Pulsating Heat Pipe. **128**, 1329–1334
Carey, V. P., and Wemhoff, A. P. — Disjoining Pressure Effects in Ultra-Thin Liquid Films in Micropassages—Comparison of Thermodynamic Theory With Predictions of Molecular Dynamics Simulations. **128**, 1276–1284
Cassell, Alan M. — (see Yu, Choongho) **128**, 234–239
Cavanaugh, R. B. — (see Kobus, C. J.) **128**, 843–846(TN)
Cavicchi, Richard E. — (see Avedisian, C. Thomas) **128**, 734
Cetegen, B. M. — (see Basu, S.) **128**, 217–225
Chakraborty, A. — (see Ng, K. C.) **128**, 889–896
Chang, D., and Tavoularis, S. — Convective Heat Transfer in Turbulent Flow Near a Gap. **128**, 701–708
Chen, Cha'o-Kuang, Wu, Li-Wen, and Yang, Yue-Tzu — Estimation of Time-Varying Inlet Temperature and Heat Flux in Turbulent Circular Pipe Flow. **128**, 44–52
Chen, Chao-Kuang, Yen, Tzu-Shuang, and Yang, Yue-Tzu — Lattice Boltzmann Method Simulation of Backward-Facing Step Flow With Double Plates Aligned at Angle to Flow Direction. **128**, 1176–1184
Chen, Chung-lung — (see Cai, Qingjun) **128**, 1329–1334
Chen, Qing-hua — (see Pan, Liang-Ming) **128**, 838–842(TN)
Chiu, W. C. — (see Shih, W. H.) **128**, 530–537
Choi, J. — (see Ghosh, S.) **128**, 662–679
Choi, U. S. — (see Ma, H. B.) **128**, 1213–1216(TN)
Chon, C. H., Paik, S. W., Tipton, J. B., Jr., and Kihm, K. D. — Evaporation and Dryout of Nanofluid Droplets on a Microheater Array. **128**, 735
Christopher, D. M., Wang, H., Peng, X., and Garimella, S. V. — Closure to "Discussion: "Dynamics of Bubble Motion and Bubble Top Jet Flows from Moving Vapor Bubbles on Microwires" (Christopher, D. M., Wang, H., and Peng, X., 2005, Journal of

Heat Transfer, **127**, pp. 1260–1268)". **128**, 1345–1346
Chu, S. X. — (see Liu, L. H.) **128**, 504–506(TN)
Cole, Gregory S. — (see Schneider, Brandon) **128**, 1293–1301
Cole, Kevin D. — Steady-Periodic Green's Functions and Thermal-Measurement Applications in Rectangular Coordinates. **128**, 709–716
Collado, Francisco J., Monné, Carlos, Pascau, Antonio, Fuster, Daniel, and Medrano, Andrés — Thermodynamics of Void Fraction in Saturated Flow Boiling. **128**, 611–615(TN)
Coquard, R., and Baillis, D. — Modeling of Heat Transfer in Low-Density EPS Foams. **128**, 538–549
____, and Baillis, D. — Radiative Properties of Dense Fibrous Medium Containing Fibers in the Geometric Limit. **128**, 1022–1030
Cruden, Brett A. — (see Yu, Choongho) **128**, 234–239
Culham, J. R. — (see Khan, W. A.) **128**, 870–878
Culham, J. Richard — (see Teertstra, Peter M.) **128**, 580–587

Dalal, Amaresh, and Das, Manab Kumar — Natural Convection in a Cavity With a Wavy Wall Heated From Below and Uniformly Cooled From the Top and Both Sides. **128**, 717–725(TN)
Danko, G. — Functional or Operator Representation of Numerical Heat and Mass Transport Models. **128**, 162–175
Das, Manab Kumar — (see Dalal, Amaresh) **128**, 717–725(TN)
Daun, Kyle, França, Francis, Larsen, Marvin, Leduc, Guillaume, and Howell, John R. — Comparison of Methods for Inverse Design of Radiant Enclosures. **128**, 269–282
Davidson, Jane H. — (see Li, Zhihua) **128**, 564–570
Deiveegan, M., Balaji, C., and Venkateshan, S. P. — Comparison of Various Methods for Simultaneous Retrieval of Surface Emissivities and Gas Properties in Gray Participating Media. **128**, 829–837
de Lemos, Marcelo J. S. — (see Saito, Marcelo B.) **128**, 444–452
____ (see Braga, Edimilson J.) **128**, 1122–1129
De Mey, Gilbert — (see Willockx, Arnout) **128**, 495–498(TN)
De Paepe, Michel — (see Willockx, Arnout) **128**, 495–498(TN)
Dhir, Vijay K. — Mechanistic Prediction of Nucleate Boiling Heat Transfer–Achievable or a Hopeless Task?. **128**, 1–12
____ (see Warrier, Gopinath R.) **128**, 1243–1256
Diez, F. J., Bernal, L. P., and Faeth, G. M. — Self-Preserving Mixing Properties of Steady Round Buoyant Turbulent Plumes in Uniform Crossflows. **128**, 1001–1011
Dukhan, Nihad, Picón-Feliciano, Rubén, and Álvarez-Hernández, Ángel R. — Heat Transfer Analysis in Metal Foams With Low-Conductivity Fluids. **128**, 784–792
Dutton, R. W. — (see Sinha, S.) **128**, 638–647

Ekkad, Srinath V. — (see Lu, Yiping) **128**, 737
____ (see Esposito, Eric) **128**, 738
El-Genk, Mohamed S. — (see Parker, Jack L.) **128**, 1159–1175
ElSherbini, A. I., and Jacobi, A. M. — A Model for Condensate Retention on Plain-Fin Heat Exchangers. **128**, 427–433
Engelbrecht, K. L., Nellis, G. F., and Klein, S. A. — The Effect of Internal Temperature Gradients on Regenerator Matrix Performance. **128**, 1060–1069
Epstein, Michael — Dryout Heat Flux During Penetration of Water Into Solidifying Rock. **128**, 847–850(TN)
Esposito, Eric, and Ekkad, Srinath V. — Jet Impingement Heat Transfer Visualization Using a Steady State Liquid Crystal Method. **128**, 738

Faeth, G. M. — (see Diez, F. J.) **128**, 1001–1011
Fang, Shaoli — (see Ahn, Hee Seok) **128**, 1335–1342(TN)
Faucheaux, David — (see Lu, Yiping) **128**, 737
Fawaz, Z. — (see Moukalled, F.) **128**, 484–494
Feng, Zhenping — (see Yin, Jixiang) **128**, 819–828
Feng, Ziping — (see Wei, Jinjia) **128**, 977–983
Filar, Piotr, Fornalik, Elzbieta, Tagawa, Toshio, Ozoe, Hiroyuki, and Szmyd, Janusz S. — Numerical and Experimental Analyses of Magnetic Convection of Paramagnetic Fluid in a Cylinder. **128**, 183–191
Fisher, T. S. — (see Bahadur, V.) **128**, 858(E)
Fisher, Timothy S. — (see Hu, X. Jack) **128**, 1109–1113
Fornalik, Elzbieta — (see Filar, Piotr) **128**, 183–191
França, Francis — (see Daun, Kyle) **128**, 269–282
Frankman, David J., Webb, Brent W., and Jones, Matthew R. — Investigation of Lightpipe Volumetric Radiation Effects in RTP Thermometry. **128**, 132–141
Friedman, J., Koundakjian, P., Naylor, D., and Rosero, D. — Heat Transfer to Small Horizontal Cylinders Immersed in a Fluidized Bed. **128**, 984–989
Fu, Wen-Lung, Wright, Lesley M., and Han, Je-Chin — Rotational Buoyancy Effects on Heat Transfer in Five Different Aspect-Ratio Rectangular Channels With Smooth Walls and 45 Degree Ribbed Walls. **128**, 1130–1141
Fuchs, Thomas, Kern, Jürgen, and Stephan, Peter — A Transient Nucleate Boiling Model Including Microscale Effects and Wall Heat Transfer. **128**, 1257–1265
Fuster, Daniel — (see Collado, Francisco J.) **128**, 611–615(TN)

Gaitonde, U. N. — (see Joshi, Mandar V.) **128**, 176–182
Garimella, S. V. — (see Christopher, D. M.) **128**, 1345–1346
Garimella, Srinivas — (see Bandhauer, Todd M.) **128**, 1050–1059
Garimella, Suresh V. — (see Krishnan, Shankar) **128**, 793–799
Gatne, K. — (see Manglik, R. M.) **128**, 736
Ghaddar, N. — (see Moukalled, F.) **128**, 484–494
____ (see Ghali, K.) **128**, 908–918
Ghali, K., Ghaddar, N., and Jaroudi, E. — Heat and Moisture Transport Through the Microclimate Air Annulus of the Clothing-Skin System Under Periodic Motion. **128**, 908–918
Ghiu, Camil-Daniel, and Joshi, Yogendra K. — Pool Boiling Using Thin Enhanced Structures Under Top-Confined Conditions. **128**, 1302–1311
Ghosh, S., and Choi, J. — Modeling and Experimental Verification of Transient/Residual Stresses and Microstructure Formation in Multi-Layer Laser Aided DMD Process. **128**, 662–679
Ghoshdastidar, P. S. — (see Gupta, A.) **128**, 1149–1158
Gillespie, M. B., Black, W. Z., Rinehart, C., and Glezer, A. — Local Convective Heat Transfer From a Constant Heat Flux Flat Plate Cooled by Synthetic Air Jets. **128**, 990–1000
Glezer, A. — (see Gillespie, M. B.) **128**, 990–1000
Goicochea, Javier V. — (see Gomes, Carlos J.) **128**, 1114–1121
Gomes, Carlos J., Madrid, Marcela, Goicochea, Javier V., and Amon, Cristina H. — In-Plane and Out-Of-Plane Thermal Conductivity of Silicon Thin Films Predicted by Molecular Dynamics. **128**, 1114–1121
Gomiz, Antonio — Computation of the Logarithmic Mean Temperature Difference. **128**, 84–86(TN)
Goodson, K. E. — (see Sinha, S.) **128**, 638–647
Goodson, Kenneth E. — (see Hu, X. Jack) **128**, 1109–1113
Grassi, Walter, and Testi, Daniele — Heat Transfer Augmentation by Ion Injection in an Annular Duct. **128**, 283–289
____, and Testi, Daniele — Heat Transfer Correlations for Turbulent Mixed Convection in the Entrance Region of a Uniformly Heated Horizontal Tube. **128**, 1103–1107(TN)
Gstoehl, D., and Thome, J. R. — Film Condensation of R-134a on Tube Arrays With Plain and Enhanced Surfaces: Part I—Experimental Heat Transfer Coefficients. **128**, 21–32
____, and Thome, J. R. — Film Condensation of R-134a on Tube Arrays With Plain and Enhanced Surfaces: Part II—Empirical Prediction of Inundation Effects. **128**, 33–43
Gupta, A., and Ghoshdastidar, P. S. — A Three-Dimensional Numerical Modeling of Atmospheric Pool Boiling by the Coupled Map Lattice Method. **128**, 1149–1158

Haji-Sheikh, A. — Fully Developed Heat Transfer to Fluid Flow in Rectangular Passages Filled With Porous Materials. **128**, 550–556
Han, Je-Chin — (see Ahn, Jaeyong) **128**, 879–888
____ (see Fu, Wen-Lung) **128**, 1130–1141
Haruki, Naoto — (see Aly, Wael I. A.) **128**, 800–810
____ (see Tu, Ping) **128**, 851–854(TN)
Hasnaoui, Mohammed — (see Ridouane, El Hassan) **128**, 1012–1021
Hassan, I. — (see Muwanga, R.) **128**, 617–626
____ Thermal-Fluid MEMS Devices: A Decade of Progress and Challenges Ahead. **128**, 1221–1233
Hata, Koichi, and Noda, Nobuaki — Thermal Analysis on Flat-Plate-Type Divertor Based on Subcooled Flow Boiling Critical Heat Flux Data Against Inlet Subcooling in Short Vertical Tube. **128**, 311–317(TN)
He, Chuan — (see Pan, Liang-Ming) **128**, 838–842(TN)
Hills, Richard G. — Model Validation: Model Parameter and Measurement Uncertainty. **128**, 339–351
Hollingsworth, D. Keith — (see Li, Xin) **128**, 934–944
Hooman, Kamel, and Merrikh, Ali A. — Analytical Solution of Forced Convection in a Duct of Rectangular Cross Section Saturated by a Porous Medium. **128**, 596–600(TN)
Horibe, Akihiko — (see Aly, Wael I. A.) **128**, 800–810
____ (see Tu, Ping) **128**, 851–854(TN)
Horvat, Andrej, and Mavko, Borut — Drag Coefficient and Stanton Number Behavior in Fluid Flow Across a Bundle of Wing-Shaped Tubes. **128**, 969–973(TN)
Howell, John R. — (see Daun, Kyle) **128**, 269–282
____ (see Porter, Jason M.) **128**, 1031–1040
Hsieh, W. H. — (see Shih, W. H.) **128**, 530–537
Hu, X. Jack, Padilla, Antonio A., Xu, Jun, Fisher, Timothy S., and Goodson, Kenneth E. — 3-Omega Measurements of Vertically Oriented Carbon Nanotubes on Silicon. **128**, 1109–1113
Hung, Ming-Tsung — (see Ju, Y. "Sungtaek") **128**, 919–925
Huo, Y., and Li, B. Q. — Surface Deformation and Convection in Electrostatically-Positioned Droplets of Immiscible Liquids Under Microgravity. **128**, 520–529
Hwang, J. J. — Heat Transfer in a Porous Electrode of Fuel Cells. **128**, 434–443
Hwang, Po-Wen — (see Shiah, Y. C.) **128**, 207–214(TN)

Icoz, Tunc, and Jaluria, Yogesh — Design Optimization of Size and Geometry of Vortex Promoter in a Two-Dimensional Channel. **128**, 1081–1092
Igarashi, Tamotsu — (see Tsutsui, Takayuki) **128**, 226–233
Inaba, Hideo — (see Aly, Wael I. A.) **128**, 800–810
____ (see Tu, Ping) **128**, 851–854(TN)

Jacobi, A. M. — (see Sommers, A. D.) **128**, 397–404
____ (see ElSherbini, A. I.) **128**, 427–433
Jain, A., Mohanty, B., Pitchumani, B., and Rajan, K. S. — Studies on Gas-Solid Heat Transfer in Cyclone Heat Exchanger. **128**, 761–768
Jaluria, Yogesh — (see Icoz, Tunc) **128**, 1081–1092
Jaroudi, E. — (see Ghali, K.) **128**, 908–918
Jen, Tien-Chien — (see Pan, Liang-Ming) **128**, 838–842(TN)
Jiang, Lan, and Tsai, Hai-Lung — Energy Transport and Nanostructuring of Dielectrics by Femtosecond Laser Pulse Trains. **128**, 926–933
Jog, M. A. — (see Manglik, R. M.) **128**, 736
Jones, Matthew R. — (see Frankman, David J.) **128**, 132–141
Jones, Peter D., Teodorescu, George, and Overfelt, Ruel A. — Spectral-Directional Emittance of CuO at High Temperatures. **128**, 382–388
Joshi, Mandar V., Gaitonde, U. N., and Mitra, Sushanta K. — Analytical Study of Natural Convection in a Cavity With Volumetric Heat Generation. **128**, 176–182
Joshi, Yogendra K. — (see Moores, Kevin A.) **128**, 857
____ (see Ghiu, Camil-Daniel) **128**, 1302–1311
Ju, Y. "Sungtaek", Hung, Ming-Tsung, and Usui, Takane — Nanoscale Heat Conduction Across Metal-Dielectric Interfaces. **128**, 919–925

Kabbani, H. — (see Moukalled, F.) **128**, 484–494
Kalteh, A. M., and Abbassi, A. — Similarity Solution of Laminar Axisymmetric Jets With Effect of Viscous Dissipation. **128**, 1099–1102(TN)
Kandlikar, Satish G., Kuan, Wai Keat, Willistein, Daniel A., and Borrelli, John — Stabilization of Flow Boiling in Microchannels Using Pressure Drop Elements and Fabricated Nucleation Sites. **128**, 389–396
____ (see Mukherjee, Abhijit) **128**, 1285–1292
Kawaguchi, Yasuo — (see Wei, Jinjia) **128**, 977–983
Kawahara, Masafumi — (see Tsutsui, Takayuki) **128**, 153–161
Keith, Theo G. — (see Rahmani, Ramin K.) **128**, 769–783
Kendoush, Abdullah Abbas — Viscous Fluid Displacement by the Growing Bubble. **128**, 100–103(TN)
Kern, Jürgen — (see Fuchs, Thomas) **128**, 1257–1265
Khaled, A.-R. A. — Maximizing Heat Transfer Through Joint Fin Systems. **128**, 203–206(TN)
Khalid, N. — (see Moukalled, F.) **128**, 484–494
Khan, W. A., Culham, J. R., and Yovanovich, M. M. — Fluid Flow and Heat Transfer in Power-Law Fluids Across Circular Cylinders: Analytical Study. **128**, 870–878
Kihm, K. D. — (see Chon, C. H.) **128**, 735
Kihm, Kenneth D. — Heat Transfer Photogallery. **128**, 733
Klausner, James F. — (see Qi, Yusen) **128**, 13–20
Klein, S. A. — (see Engelbrecht, K. L.) **128**, 1060–1069
Kobus, C. J., and Cavanaugh, R. B. — A Theoretical Investigation Into the Optimal Longitudinal Profile of a Horizontal Pin Fin of Least Material Under the Influence of Pure Forced and Pure Natural Convection With a Diameter-Variable Convective Heat Transfer Coefficient. **128**, 843–846(TN)
Konishi, Tadashi — (see Narumi, Akira) **128**, 739
Koşar, Ali, and Peles, Yoav — Thermal-Hydraulic Performance of MEMS-based Pin Fin Heat Sink. **128**, 121–131
____, **Kuo, Chih-Jung, and Peles, Yoav** — Suppression of Boiling Flow Oscillations in Parallel Microchannels by Inlet Restrictors. **128**, 251–260
____ (see Schneider, Brandon) **128**, 1293–1301
Kostic, Milivoje M. — Analysis of Enthalpy Approximation for Compressed Liquid Water. **128**, 421–426
Koundakjian, P. — (see Friedman, J.) **128**, 984–989
Kowsary, F., and Mahan, J. R. — Radiative Characteristic of Spherical Cavities With Specular Reflectivity Component. **128**, 261–268
Koyama, S. — (see Ng, K. C.) **128**, 889–896
Krishnan, Shankar, Murthy, Jayathi Y., and Garimella, Suresh V. — Direct Simulation of Transport in Open-Cell Metal Foam. **128**, 793–799
Kuan, Wai Keat — (see Kandlikar, Satish G.) **128**, 389–396
Kulacki, F. A. — (see Aichlmayr, H. T.) **128**, 1217–1220(TN)
Kuo, Chih-Jung — (see Koşar, Ali) **128**, 251–260
____ (see Schneider, Brandon) **128**, 1293–1301

Lai, F. C., and Mathew, J. — Heat Transfer Enhancement by EHD-Induced Oscillatory Flows. **128**, 861–869
Lakshmi Narayana, P. A., and Murthy, P. V. S. N. — Free Convective Heat and Mass Transfer in a Doubly Stratified Non-Darcy Porous Medium. **128**, 1204–1212(TN)
Lam, C. H. — (see Naterer, G. F.) **128**, 953–962
Lambrechts, Adriaan, Liebenberg, Leon, Bergles, Arthur E., and Meyer, Josua P. — Heat Transfer Performance During Condensation Inside Horizontal Smooth, Micro-Fin and Herringbone Tubes. **128**, 691–700

Larsen, Marvin — (see Daun, Kyle) **128**, 269–282
Larsen, Marvin E. — (see Porter, Jason M.) **128**, 1031–1040
Le, Phuong M., and Papavassiliou, Dimitrios V. — Turbulent Heat Transfer in Plane Couette Flow. **128**, 53–62
Lebedev, Valery P., Lemanov, Vadim V., and Terekhov, Victor I. — Film-Cooling Efficiency in a Laval Nozzle Under Conditions of High Freestream Turbulence. **128**, 571–579
Leduc, Guillaume — (see Daun, Kyle) **128**, 269–282
Lemanov, Vadim V. — (see Lebedev, Valery P.) **128**, 571–579
Lev, M. — (see Levy, Y.) **128**, 478–483
Levy, Y., Lev, M., and Ovcharenko, V. — Study of Infrared CO_2 Radiation From Liquid-Fueled Combustor. **128**, 478–483
Li, B. Q. — (see Huo, Y.) **128**, 520–529
Li, Bin — (see Lin, Yuzhen) **128**, 192–197(TN)
Li, Chen, Peterson, G. P., and Wang, Yaxiong — Evaporation/Boiling in Thin Capillary Wicks (I)—Wick Thickness Effects. **128**, 1312–1319
____, **and Peterson, G. P.** — Evaporation/Boiling in Thin Capillary Wicks (II)—Effects of Volumetric Porosity and Mesh Size. **128**, 1320–1328
Li, Guojun — (see Yin, Jixiang) **128**, 819–828
Li, Jun — (see Yu, Choongho) **128**, 234–239
Li, Xianchang, and Wang, Ting — Simulation of Film Cooling Enhancement With Mist Injection. **128**, 509–519
Li, Xin, Hollingsworth, D. Keith, and Witte, Larry C. — The Thickness of the Liquid Microlayer Between a Cap-Shaped Sliding Bubble and a Heated Wall: Experimental Measurements. **128**, 934–944
Li, Zhihua, Davidson, Jane H., and Mantell, Susan C. — Numerical Simulation of Flow Field and Heat Transfer of Streamlined Cylinders in Cross Flow. **128**, 564–570
Li, Zhongmin — (see Tu, Ping) **128**, 851–854(TN)
Liebenberg, Leon — (see Lambrechts, Adriaan) **128**, 691–700
Lienhard V, John H. — (see Richter, Christoph C.) **128**, 93–99(TN)
Lin, Yuzhen, Song, Bo, Li, Bin, and Liu, Gaoen — Measured Film Cooling Effectiveness of Three Multihole Patterns. **128**, 192–197(TN)
Liu, Gaoen — (see Lin, Yuzhen) **128**, 192–197(TN)
Liu, L. H., and Chu, S. X. — On the Entropy Generation Formula of Radiation Heat Transfer Processes. **128**, 504–506(TN)
Liu, Wenjun, and Asheghi, Mehdi — Thermal Conductivity Measurements of Ultra-Thin Single Crystal Silicon Layers. **128**, 75–83
Liu, Y. — (see Bahadur, V.) **128**, 858(E)
Liu, Zhenhua, and Qiu, Yuhao — Critical Heat Flux of Steady Boiling for Water Jet Impingement in Flat Stagnation Zone on Superhydrophilic Surface. **128**, 726–729(TN)
Lu, Yiping, Nasir, Hasan, Faucheaux, David, and Ekkad, Srinath V. — Film Cooling Measurements for Novel Hole Configurations. **128**, 737

Ma, H. B., Wilson, C., Yu, Q., Park, K., Choi, U. S., and Tirumala, Murli — An Experimental Investigation of Heat Transport Capability in a Nanofluid Oscillating Heat Pipe. **128**, 1213–1216(TN)
Madrid, Marcela — (see Gomes, Carlos J.) **128**, 1114–1121
Magyari, E. — (see Barletta, A.) **128**, 1185–1193
Mahan, J. R. — (see Kowsary, F.) **128**, 261–268
Makinde, O. D. — Thermal Ignition in a Reactive Viscous Flow Through a Channel Filled With a Porous Medium. **128**, 601–604(TN)
Manglik, R. M., Jog, M. A., Subramani, A., and Gatne, K. — Mili-Scale Visualization of Bubble Growth-Translation and Droplet Impact Dynamics. **128**, 736
Manglik, Raj M. — On the Advancements in Boiling, Two-Phase Flow Heat Transfer, and Interfacial Phenomena. **128**, 1237–1242(TN)
Mantell, Susan C. — (see Li, Zhihua) **128**, 564–570
Mathew, J. — (see Lai, F. C.) **128**, 861–869
Mavko, Borut — (see Horvat, Andrej) **128**, 969–973(TN)
Mazumder, Sandip — Methods to Accelerate Ray Tracing in the Monte Carlo Method for Surface-to-Surface Radiation Transport. **128**, 945–952
Medrano, Andrés — (see Collado, Francisco J.) **128**, 611–615(TN)
Merrikh, Ali A. — (see Hooman, Kamel) **128**, 596–600(TN)
Meyer, Josua P. — (see Lambrechts, Adriaan) **128**, 691–700
Misale, Mario — (see Tanda, Giovanni) **128**, 302–306(TN)
Mishra, Chandan — (see Schneider, Brandon) **128**, 1293–1301
Mitra, Sushanta K. — (see Joshi, Mandar V.) **128**, 176–182
Modest, Michael F. — (see Bharadwaj, Sudarshan P.) **128**, 374–381
____ Effects of Multiple Reflections on Hole Formation During Short-Pulsed Laser Drilling. **128**, 653–661
____ (see Wang, Anquan) **128**, 1041–1049
Moffat, Robert J. — (see Rhee, Jinny) **128**, 811–818
Moghimi, Mahdi — (see Atefi, Gholamali) **128**, 963–968(TN)
Mohamed, Hany A. — Effect of Rotation and Surface Roughness on Heat Transfer Rate to Flow through Vertical Cylinders in Steam Condensation Process. **128**, 318–323(TN)
Mohamed, Hany Ahmed — Entropy Generation in Counter Flow Gas to Gas Heat Exchangers. **128**, 87–92(TN)
Mohanty, B. — (see Jain, A.) **128**, 761–768
Monné, Carlos — (see Collado, Francisco J.) **128**, 611–615(TN)
Moon, Hee-Koo — (see Ahn, Jaeyong) **128**, 879–888
Moores, Kevin A., and Joshi, Yogendra K. — Closure to "Discussion of 'Effect of Tip Clearance on the Thermal and Hydrodynamic Performance of a Shrouded Pin Fin Array' " (2006, ASME J. Heat Transfer, **128**, pp. 855–856). **128**, 857
Moreno, R. M., and Tao, Y.-X. — Thermal and Flow Performance of a Microconvective Heat Sink With Three-Dimensional Constructal Channel Configuration. **128**, 740–751
Moukalled, F., Ghaddar, N., Kabbani, H., Khalid, N., and Fawaz, Z. — Numerical and Experimental Investigation of Thermal Signatures of Buried Landmines in Dry Soil. **128**, 484–494
Mukherjee, Abhijit, and Kandlikar, Satish G. — Numerical Study of an Evaporating Meniscus on a Moving Heated Surface. **128**, 1285–1292
Mungekar, Hemant P., and Atreya, Arvind — Flame Radiation and Soot Emission From Partially Premixed Methane Counterflow Flames. **128**, 361–367
Murthy, Jayathi Y. — (see Krishnan, Shankar) **128**, 793–799
Murthy, P. V. S. N. — (see Partha, M. K.) **128**, 605–610(TN)
____ (see Lakshmi Narayana, P. A.) **128**, 1204–1212(TN)
Muwanga, R., and Hassan, I. — Local Heat Transfer Measurements in Microchannels Using Liquid Crystal Thermography: Methodology Development and Validation. **128**, 617–626

Narumi, Akira, Uchida, Kenichi, and Konishi, Tadashi — The Passing Behaviors of Vapor through Cloth. **128**, 739
Nasir, Hasan — (see Lu, Yiping) **128**, 737
Nasr, G. G., Sharief, R. A., and Yule, A. J. — High Pressure Spray Cooling of a Moving Surface. **128**, 752–760
Naterer, G. F., and Lam, C. H. — Transient Response of Two-Phase Heat Exchanger With Varying Convection Coefficients. **128**, 953–962
Naylor, D. — (see Friedman, J.) **128**, 984–989
Nellis, G. F. — (see Engelbrecht, K. L.) **128**, 1060–1069
Ng, K. C., Sai, M. A., Chakraborty, A., Saha, B. B., and Koyama, S. — The Electro-Adsorption Chiller: Performance Rating of a Novel Miniaturized Cooling Cycle for Electronics Cooling. **128**, 889–896
Ngo, Quoc — (see Yu, Choongho) **128**, 234–239
Niazmand, Hamid — (see Renksizbulut, Metin) **128**, 63–74
Noda, Nobuaki — (see Hata, Koichi) **128**, 311–317(TN)

Oliver, Douglas L., and Souccar, Adham W. — Heat Transfer From a Translating Droplet at High Peclet Numbers: Revisiting the Classic Solution of Kronig & Brink. **128**, 648–652
Ovcharenko, V. — (see Levy, Y.) **128**, 478–483
Overfelt, Ruel A. — (see Jones, Peter D.) **128**, 382–388

Ozoe, Hiroyuki — (see Filar, Piotr) **128**, 183–191

Padilla, Antonio A. — (see Hu, X. Jack) **128**, 1109–1113
Paik, S. W. — (see Chon, C. H.) **128**, 735
Pan, Liang-Ming, Jen, Tien-Chien, He, Chuan, Xin, Ming-dao, and Chen, Qing-hua — Heat Transfer and Bubble Movement of Two-Side and One-Side Heating Subcooled Flow Boiling in Vertical Narrow Channels. **128**, 838–842(TN)
Panchamgam, Sashidhar S., Plawsky, Joel L., and Wayner, Peter C., Jr. — Spreading Characteristics and Microscale Evaporative Heat Transfer in an Ultrathin Film Containing a Binary Mixture. **128**, 1266–1275
Pantokratoras, Asterios — Fully Developed Laminar Free Convection With Variable Thermophysical Properties Between Two Open-Ended Vertical Parallel Plates Heated Asymmetrically With Large Temperature Differences. **128**, 405–408(TN)
Papavassiliou, Dimitrios V. — (see Le, Phuong M.) **128**, 53–62
Park, K. — (see Ma, H. B.) **128**, 1213–1216(TN)
Parker, Jack L., and El-Genk, Mohamed S. — Effect of Surface Orientation on Nucleate Boiling of FC-72 on Porous Graphite. **128**, 1159–1175
Partha, M. K., Murthy, P. V. S. N., and Raja Sekhar, G. P. — Soret and Dufour Effects in a Non-Darcy Porous Medium. **128**, 605–610(TN)
Pascau, Antonio — (see Collado, Francisco J.) **128**, 611–615(TN)
Pavlova, Anna, and Amitay, Michael — Electronic Cooling Using Synthetic Jet Impingement. **128**, 897–907
Peles, Yoav — (see Koşar, Ali) **128**, 121–131
_____ (see Koşar, Ali) **128**, 251–260
_____ (see Schneider, Brandon) **128**, 1293–1301
Peng, X. — (see Christopher, D. M.) **128**, 1345–1346
Peterson, G. P. — (see Li, Chen) **128**, 1312–1319
_____ (see Li, Chen) **128**, 1320–1328
Phelan, Patrick E. — (see Prasher, Ravi) **128**, 588–595
Picón-Feliciano, Rubén — (see Dukhan, Nihad) **128**, 784–792
Pitchumani, B. — (see Jain, A.) **128**, 761–768
Plawsky, Joel L. — (see Panchamgam, Sashidhar S.) **128**, 1266–1275
Pop, E. — (see Sinha, S.) **128**, 638–647
Porter, Jason M., Larsen, Marvin E., Barnes, J. Wesley, and Howell, John R. — Metaheuristic Optimization of a Discrete Array of Radiant Heaters. **128**, 1031–1040
Pramanik, Debashis, and Saha, Sujoy K. — Thermohydraulics of Laminar Flow Through Rectangular and Square Ducts With Transverse Ribs and Twisted Tapes. **128**, 1070–1080
Prasher, Ravi, Bhattacharya, Prajesh, and Phelan, Patrick E. — Brownian-Motion-Based Convective-Conductive Model for the Effective Thermal Conductivity of Nanofluids. **128**, 588–595
_____ Thermal Transport Due to Phonons in Random Nano-particulate Media in the Multiple and Dependent (Correlated) Elastic Scattering Regime. **128**, 627–637

Qi, H. — (see An, W.) **128**, 499–503(TN)
Qi, Yusen, and Klausner, James F. — Comparison of Nucleation Site Density for Pool Boiling and Gas Nucleation. **128**, 13–20
Qiu, Yuhao — (see Liu, Zhenhua) **128**, 726–729(TN)

Rahman, M. M., and Sattar, M. A. — Magnetohydrodynamic Convective Flow of a Micropolar Fluid Past a Continuously Moving Vertical Porous Plate in the Presence of Heat Generation/Absorption. **128**, 142–152
Rahmani, Ramin K., Keith, Theo G., and Ayasoufi, Anahita — Numerical Study of the Heat Transfer Rate in a Helical Static Mixer. **128**, 769–783
Rajan, K. S. — (see Jain, A.) **128**, 761–768
Raja Sekhar, G. P. — (see Partha, M. K.) **128**, 605–610(TN)
Razani, Arsalan — (see Schmierer, Eric N.) **128**, 1194–1203
Razelos, P. — Discussion: "Effect of Tip Clearance on the Thermal and Hydrodynamic Performance of a Shrouded Pin Fin Array" (Moores, K. A., and Joshi, Y. K., 2003, ASME J. Heat Transfer, **125**, pp. 999–1006). **128**, 855–856(D)
Ren, Chengqin — An Analytical Approach to the Heat and Mass Transfer Processes in Counterflow Cooling Towers. **128**, 1142–1148
Renksizbulut, Metin, and Niazmand, Hamid — Laminar Flow and Heat Transfer in the Entrance Region of Trapezoidal Channels With Constant Wall Temperature. **128**, 63–74
Rhee, Jinny, and Moffat, Robert J. — Experimental Estimate of the Continuous One-Dimensional Kernel Function in a Rectangular Duct With Forced Convection. **128**, 811–818
Riazzi, Robert J. — (see Bharadwaj, Sudarshan P.) **128**, 374–381
Richter, Christoph C., and Lienhard V, John H. — Active Thermal Control of Distributed Parameter Systems Excited at Multiple Frequencies. **128**, 93–99(TN)
Ridouane, El Hassan, and Hasnaoui, Mohammed — Effect of Surface Radiation on Multiple Natural Convection Solutions in a Square Cavity Partially Heated from Below. **128**, 1012–1021
Rinehart, C. — (see Gillespie, M. B.) **128**, 990–1000
Rosero, D. — (see Friedman, J.) **128**, 984–989
Roy, S., and Anilkumar, D. — Unsteady Mixed Convection From a Moving Vertical Slender Cylinder. **128**, 368–373
Ruan, L. M. — (see An, W.) **128**, 499–503(TN)

Saad, M. A. — (see Beitelmal, A. H.) **128**, 307–310(TN)
Saeid, Nawaf H. — Natural Convection From Two Thermal Sources in a Vertical Porous Layer. **128**, 104–109(TN)
Saha, B. B. — (see Ng, K. C.) **128**, 889–896
Saha, Sanjoy — (see Yu, Choongho) **128**, 234–239
Saha, Sujoy K. — (see Pramanik, Debashis) **128**, 1070–1080
Sai, M. A. — (see Ng, K. C.) **128**, 889–896
Saito, Marcelo B., and de Lemos, Marcelo J. S. — A Correlation for Interfacial Heat Transfer Coefficient for Turbulent Flow Over an Array of Square Rods. **128**, 444–452
Sattar, M. A. — (see Rahman, M. M.) **128**, 142–152
Scaringe, Robert P. — (see Schneider, Brandon) **128**, 1293–1301
Schmierer, Eric N., and Razani, Arsalan — Self-Consistent Open-Celled Metal Foam Model for Thermal Applications. **128**, 1194–1203
Schneider, Brandon, Koşar, Ali, Kuo, Chih-Jung, Mishra, Chandan, Cole, Gregory S., Scaringe, Robert P., and Peles, Yoav — Cavitation Enhanced Heat Transfer in Microchannels. **128**, 1293–1301
Schobeiri, M. T. — (see Ahn, Jaeyong) **128**, 879–888
Sears, Paul L., and Yang, Libing — Heat Transfer in a Surfactant Drag-Reducing Solution—A Comparison With Predictions for Laminar Flow. **128**, 557–563
Selmi, Mohammed — (see Al-Khawaja, Mohammed J.) **128**, 413–417(TN)
Shah, A. J. — (see Beitelmal, A. H.) **128**, 307–310(TN)
Sharief, R. A. — (see Nasr, G. G.) **128**, 752–760
Shekriladze, Irakli G. — Discussion: "Dynamics of Bubble Motion and Bubble Top Jet Flows From Moving Vapor Bubbles on Microwires" (Christopher, D. M., Wang, H., and Peng, X., 2005, Journal of Heat Transfer, **127**, pp. 1260–1268). **128**, 1343–1344(D)
Shi, Li — (see Yu, Choongho) **128**, 234–239
Shiah, Y. C., Hwang, Po-Wen, and Yang, Ruey-Bin — Heat Conduction in Multiply Adjoined Anisotropic Media with Embedded Point Heat Sources. **128**, 207–214(TN)
Shih, W. H., Chiu, W. C., and Hsieh, W. H. — Height Effect on Heat-Transfer Characteristics of Aluminum-Foam Heat Sinks. **128**, 530–537
Sinha, Nipun — (see Ahn, Hee Seok) **128**, 1335–1342(TN)
Sinha, S., Pop, E., Dutton, R. W., and Goodson, K. E. — Non-Equilibrium Phonon Distributions in Sub-100 nm Silicon Transistors. **128**, 638–647

Sommers, A. D., and Jacobi, A. M. — An Exact Solution to Steady Heat Conduction in a Two-Dimensional Annulus on a One-Dimensional Fin: Application to Frosted Heat Exchangers With Round Tubes. **128**, 397–404
Song, Bo — (see Lin, Yuzhen) **128**, 192–197(TN)
Souccar, Adham W. — (see Oliver, Douglas L.) **128**, 648–652
Steeman, Hendrik-Jan — (see Willockx, Arnout) **128**, 495–498(TN)
Stephan, Peter — (see Fuchs, Thomas) **128**, 1257–1265
Straatman, Anthony G. — (see Yu, Qijun) **128**, 352–360
Subramani, A. — (see Manglik, R. M.) **128**, 736
Sugumar, D., and Tio, Kek-Kiong — Thermal Analysis of Inclined Micro Heat Pipes. **128**, 198–202(TN)
Sun, J. G. — Analysis of Pulsed Thermography Methods for Defect Depth Prediction. **128**, 329–338
Szmyd, Janusz S. — (see Filar, Piotr) **128**, 183–191

Tagawa, Toshio — (see Filar, Piotr) **128**, 183–191
Tan, H. P. — (see An, W.) **128**, 499–503(TN)
Tanda, Giovanni, and Misale, Mario — Measurement of Total Hemispherical Emittance and Specific Heat of Aluminum and Inconel 718 by a Calorimetric Technique. **128**, 302–306(TN)
Tao, Y.-X. — (see Moreno, R. M.) **128**, 740–751
Tarlov, Michael J. — (see Avedisian, C. Thomas) **128**, 734
Tavoularis, S. — (see Chang, D.) **128**, 701–708
Teertstra, Peter M., Yovanovich, M. Michael, and Culham, J. Richard — Natural Convection Measurements for a Concentric Spherical Enclosure. **128**, 580–587
Teodorescu, George — (see Jones, Peter D.) **128**, 382–388
Terekhov, Victor I. — (see Lebedev, Valery P.) **128**, 571–579
Testi, Daniele — (see Grassi, Walter) **128**, 283–289
____ (see Grassi, Walter) **128**, 1103–1107(TN)
Thome, J. R. — (see Gstoehl, D.) **128**, 21–32
____ (see Gstoehl, D.) **128**, 33–43
Thompson, Brian E. — (see Yu, Qijun) **128**, 352–360
Tio, Kek-Kiong — (see Sugumar, D.) **128**, 198–202(TN)
Tipton, J. B., Jr. — (see Chon, C. H.) **128**, 735
Tirumala, Murli — (see Ma, H. B.) **128**, 1213–1216(TN)
T'Joen, Christophe — (see Willockx, Arnout) **128**, 495–498(TN)
Tsai, Hai-Lung — (see Zhou, Jun) **128**, 680–690
____ (see Jiang, Lan) **128**, 926–933
Tsutsui, Takayuki, and Kawahara, Masafumi — Heat Transfer Around a Cylindrical Protuberance Mounted in a Plane Turbulent Boundary Layer. **128**, 153–161
____, **and Igarashi, Tamotsu** — Heat Transfer Enhancement of a Circular Cylinder. **128**, 226–233
Tu, Ping, Inaba, Hideo, Horibe, Akihiko, Li, Zhongmin, and Haruki, Naoto — Fin Efficiency of an Annular Fin Composed of a Substrate Metallic Fin and a Coating Layer. **128**, 851–854(TN)
Tzeng, Sheng Chung — Convective Heat Transfer in a Rectangular Channel Filled With Sintered Bronze Beads and Periodically Spaced Heated Blocks. **128**, 453–464

Uchida, Kenichi — (see Narumi, Akira) **128**, 739
Usui, Takane — (see Ju, Y. "Sungtaek") **128**, 919–925

Vadasz, Peter — Heat Conduction in Nanofluid Suspensions. **128**, 465–477
Venkateshan, S. P. — (see Deiveegan, M.) **128**, 829–837

Wang, Anquan, and Modest, Michael F. — Photon Monte Carlo Simulation for Radiative Transfer in Gaseous Media Represented by Discrete Particle Fields. **128**, 1041–1049
Wang, H. — (see Christopher, D. M.) **128**, 1345–1346
Wang, H. N. — (see Wang, J. H.) **128**, 1093–1098(TN)
Wang, J. H., and Wang, H. N. — A Discussion of Transpiration Cooling Problems through an Analytical Solution of Local Thermal Nonequilibrium Model. **128**, 1093–1098(TN)
Wang, Pei-Chung — (see Zhou, Jun) **128**, 680–690
Wang, Ting — (see Li, Xianchang) **128**, 509–519
Wang, Yaxiong — (see Li, Chen) **128**, 1312–1319
Warrier, Gopinath R., and Dhir, Vijay K. — Heat Transfer and Wall Heat Flux Partitioning During Subcooled Flow Nucleate Boiling—A Review. **128**, 1243–1256
Wayner, Peter C., Jr. — (see Panchamgam, Sashidhar S.) **128**, 1266–1275
Webb, Brent W. — (see Frankman, David J.) **128**, 132–141
Wei, Jinjia, Kawaguchi, Yasuo, Yu, Bo, and Feng, Ziping — Rheological Characteristics and Turbulent Friction Drag and Heat Transfer Reductions of a Very Dilute Cationic Surfactant Solution. **128**, 977–983
Wemhoff, A. P. — (see Carey, V. P.) **128**, 1276–1284
White, R. M. — (see Yang, Y.) **128**, 113–120
Willistein, Daniel A. — (see Kandlikar, Satish G.) **128**, 389–396
Willockx, Arnout, De Mey, Gilbert, T'Joen, Christophe, Steeman, Hendrik-Jan, and De Paepe, Michel — Natural Convection From a Square Disk in the Intermediate Rayleigh Range. **128**, 495–498(TN)
Wilson, C. — (see Ma, H. B.) **128**, 1213–1216(TN)
Witte, Larry C. — (see Li, Xin) **128**, 934–944
Wright, Lesley M. — (see Fu, Wen-Lung) **128**, 1130–1141
Wu, Li-Wen — (see Chen, Cha'o-Kuang) **128**, 44–52

Xin, Ming-dao — (see Pan, Liang-Ming) **128**, 838–842(TN)
Xu, J. — (see Bahadur, V.) **128**, 858(E)
Xu, Jun — (see Hu, X. Jack) **128**, 1109–1113

Yang, Libing — (see Sears, Paul L.) **128**, 557–563
Yang, Ruey-Bin — (see Shiah, Y. C.) **128**, 207–214(TN)
Yang, Y., White, R. M., and Asheghi, M. — Thermal Characterization of Cu/CoFe Multilayer for Giant Magnetoresistive Head Applications. **128**, 113–120
Yang, Yue-Tzu — (see Chen, Cha'o-Kuang) **128**, 44–52
____ (see Chen, Chao-Kuang) **128**, 1176–1184
Yao, Guangfa — A Film-Theory-Based Model for a Multicomponent Droplet Evaporation at Both Low- and High-Pressure Environments. **128**, 290–294(TN)
Yen, Tzu-Shuang — (see Chen, Chao-Kuang) **128**, 1176–1184
Yin, Jixiang, Li, Guojun, and Feng, Zhenping — Effects of Intersection Angles on Flow and Heat Transfer in Corrugated-Undulated Channels With Sinusoidal Waves. **128**, 819–828
Yovanovich, M. M. — (see Khan, W. A.) **128**, 870–878
Yovanovich, M. Michael — (see Teertstra, Peter M.) **128**, 580–587
Yu, Bo — (see Wei, Jinjia) **128**, 977–983
Yu, Choongho, Saha, Sanjoy, Zhou, Jianhua, Shi, Li, Cassell, Alan M., Cruden, Brett A., Ngo, Quoc, and Li, Jun — Thermal Contact Resistance and Thermal Conductivity of a Carbon Nanofiber. **128**, 234–239
Yu, Q. — (see Ma, H. B.) **128**, 1213–1216(TN)
Yu, Qijun, Thompson, Brian E., and Straatman, Anthony G. — A Unit Cube-Based Model for Heat Transfer and Fluid Flow in Porous Carbon Foam. **128**, 352–360
Yule, A. J. — (see Nasr, G. G.) **128**, 752–760

Zhang, Mei — (see Ahn, Hee Seok) **128**, 1335–1342(TN)
Zhao, Fuzhang — Weighting Factors for Single-Step Trapezoidal Method. **128**, 409–412(TN)
Zhou, Jianhua — (see Yu, Choongho) **128**, 234–239
Zhou, Jun, Tsai, Hai-Lung, and Wang, Pei-Chung — Transport Phenomena and Keyhole Dynamics during Pulsed Laser Welding. **128**, 680–690
— Erratum. **128**, 974(E)